

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:4621
ANSWERED ON:30.03.2017
Thermal Power Plants
Dwivedi Shri Harish

Will the Minister of POWER be pleased to state:

- (a) the number of thermal power plants in the country at present, State-wise;
- (b) the difference between the installed capacity and the generation of power of thermal power plants, State-wise;
- (c) the reasons behind lower generation of power than their capacity;
- (d) whether the Government proposes to set up some new thermal or nuclear power plants in Uttar Pradesh in view of shortage of electricity in the State in the near future; and
- (e) if so, the details thereof?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) : The number of thermal plants in the country is at present 264. State-wise breakup is given at Annexure-I.

(b) & (c) : The installed capacity of a power plant if utilized fully, may render the maximum generation. This utilization of installed capacity is expressed in terms of Plant Load Factor (PLF) i.e. 100% capacity utilization means 100% PLF. The PLF depends on factors such as age of the unit, forced and planned outages, availability of required quality and quantity of fuel, availability of transmission network and receipt of schedule from beneficiary. The State-wise installed capacity, actual generation and PLF of thermal power plants is enclosed at Annexure-II.

(d) & (e) : Thermal Projects totaling to 9080 MW are presently under construction in the state of Uttar Pradesh under Central, State and Private Sectors. The details of these projects are given at Annexure-III.
